

TDS - Technical Data Sheet

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8628

PERMANENT MASS HYDROPHOBISATION AGENT FOR HIGH-QUALITY CONCRETE PRODUCTS

1. PRODUCT DESCRIPTION

- Highly concentrated mass hydrophobisation agent for wet concrete
- Minimizing of water absorption, water- and dirt-repellent effect
- Capillary regulating properties
- Exceptional protection against primary and secondary lime efflorescences
- Anti-adhesion properties (prevents concrete sticking on extrusion punch and concrete mixer)
- Open to vapour diffusion
- Highly plasticizing (reduction of concrete brittleness and less sensitive to crack-formation)
- Highly stressable concrete stabilization
- Weather- and frost resistant
- Protection against re-soiling and micro-organisms (algae, moss and mould formation)
- Long term protection

2. SCOPE OF APPLICATION

8628 is particularly suitable as mass hydrophobisation agent for the manufacturing of high-quality concrete products. **8628** enhances the water-repellent effect of the concrete product significantly and ensures a durable reduction of water absorption. **8628** protects against primary and secondary lime efflorescences and minimizes re-soiling and growth of micro-organisms (algae, moss and mould formation). Frost- and thawing salt resistance will be improved. The vapour diffusion properties will be maintained. The chemical reaction (hydrophobising) takes effect during the curing period. **8628 creates an exceptional high water-repellent effect.**

3. TECHNICAL DATA

Appearance: liquid
Colour: colourless
Density: approx. 0,88 kg/m³
Shelf life: 12 months at 20 °C
Container size: 1.000l, 20l

4. APPLICATION

Read Safety Data Sheet (MSDS) before using.

Stir up **8628** thoroughly before use. Dosing the additive to the already finished wet concrete mixture (adding **8628** only after the last addition of water in the concrete mix). The mixing time should be at least 60 sec, preferably at the end of the mixing process.

Do not add 8628 to the dry concrete-mixture. Do not add additional water to the mixture after adding 8628.

5. DOSAGE

8628 is supplied ready to use. The recommended dosage is between 0,5% - 1,5% of the binder content (cement). Different doses for two-layer concrete (core- and face-concrete) are also possible.

6. INSTRUCTIONS FOR PRODUCT SUITABILITY

Please check the product suitability under realistic (production) conditions, in advance of an application and adjust the optimal dosing quantity during a suitability test.

7. STORAGE

The instructions on the accompanying Safety Data Sheet (MSDS) must always be followed.

8628 should be stored in a dry and cool (max. 20°C), well ventilated place. **8628** can be kept for at least 12 months from the date of manufacture if stored appropriately.

8. SAFETY INSTRUCTIONS

The instructions on the accompanying Safety Data Sheet (MSDS) must always be followed.

9. TECHNICAL SERVICE

Our Application Department is available to answer technical questions on performance, use and chemical specifications. This technical information does not replace the accompanying Safety Data Sheet (MSDS). All technical information is based on practical experience. It is not generally obligatory as the practical conditions vary. Users should carry out their own tests. As the use of this product is beyond our control, we only accept liability for its consistent quality.